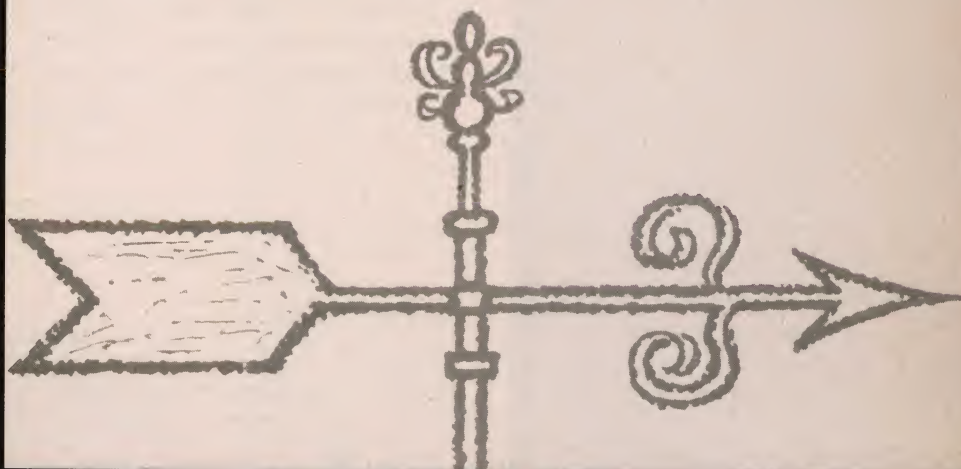


## Ornamental Extrusions



1960



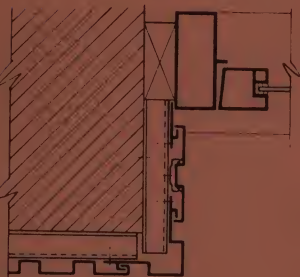
Aluminum offers the architect an ideal medium for expressing strength, lightness and a *natural* beauty to enhance the character of any design. The metal is lastingly beautiful—easy-to-maintain, durable, corrosion resistant, *and* economical!

Readily available from Kaiser Aluminum distributor stocks is a wide range of aluminum extruded shapes for ornamental applications. These include a wall facing system, handrails, rod, bar, pipe and tube, and architectural and structural shapes.

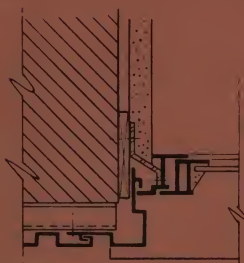
## KAISER ALUMINUM FACING SYSTEM

### TYPICAL DETAILS

Scale:  $1\frac{1}{2}" = 1'-0"$



HORIZONTAL SECTION  
AT DOOR FRAME



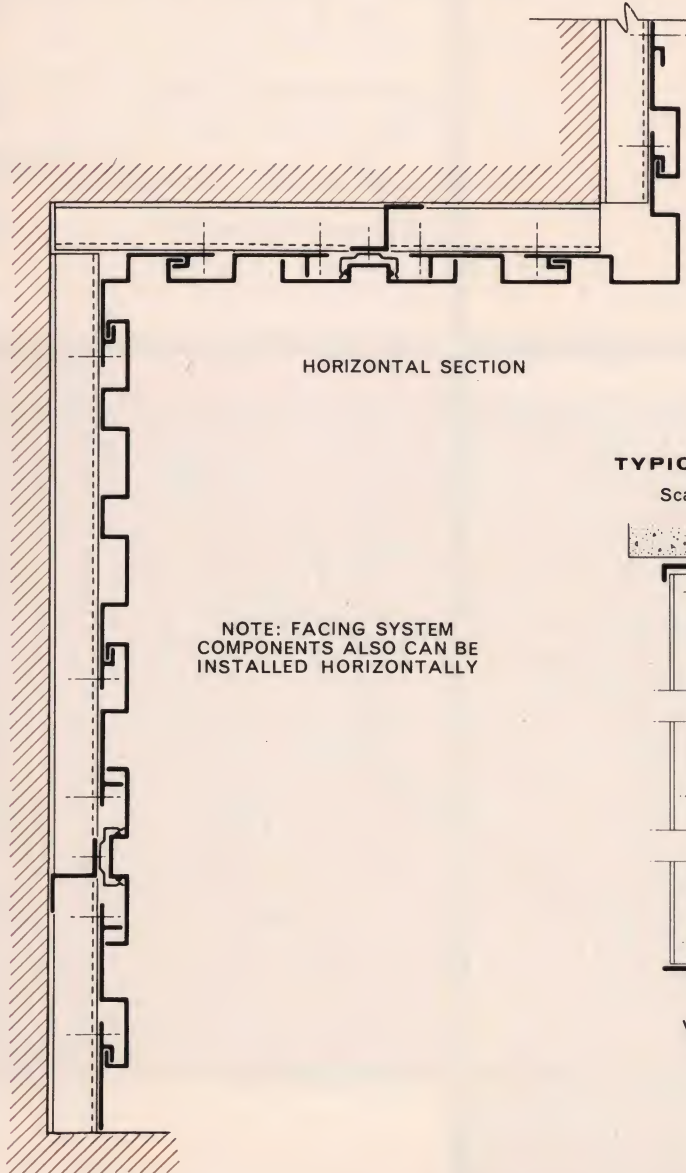
HORIZONTAL SECTION  
AT WINDOW JAMB

### INSTALLATION

Furring zee is installed horizontally at approximately 6' intervals. Vertical furring zee is attached to wall at planned location of joint cover. Then cap and sill stops are fastened down. Facing component installation begins at corners or edges. Joint cover clips are attached at 12" vertical intervals along center line of joint on the vertical furring zee. Finally the joint cover is snapped in place.

For horizontal facing applications furring zeers are installed vertically instead of horizontally.

The Kaiser Aluminum standard facing system comprises seven basic interlocking components, adaptable to exterior or interior walls, columns or other flat surfaces. Extruded sections of graceful design, alternating shallow channels with raised flats, provide a pleasing textured effect of highlights and shadows. Facing components can be installed vertically or horizontally.

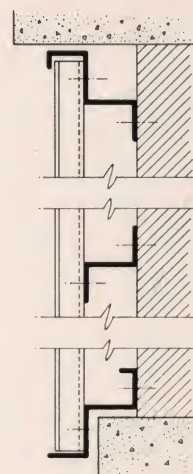


HORIZONTAL SECTION

NOTE: FACING SYSTEM  
COMPONENTS ALSO CAN BE  
INSTALLED HORIZONTALLY

### TYPICAL DETAILS

Scale:  $3" = 1'-0"$



VERTICAL  
SECTION



KAISER ALUMINUM &amp; CHEMICAL SALES, INC.

## SPECIFICATIONS

**-01 GENERAL CONDITIONS**

"The General Conditions of the Contract for the Construction of Buildings," (\*) standard form of the American Institute of Architects, current edition, is part of this specification.

\*(And "Supplementary General Conditions")

**-02 WORK INCLUDED**

1. Kaiser Aluminum Facing System, Section Nos. \_\_\_\_\_  
(Section numbers of various components in the Facing System may be obtained from selection tables.)
2. Miscellaneous fasteners, straps, plates required in connection with the work of this section.
3. Caulking and sealing required in connection with the work of this section.

**WORK NOT INCLUDED**

(All items to be excluded from this section should be listed here together with section under which they are specified.)

**-03 MATERIALS**

All aluminum alloys specified herein shall be as produced by Kaiser Aluminum & Chemical Corporation.

- A. Kaiser Aluminum Facing System, alloy 6063-T42.  
Joint cover clip—stainless steel.
- B. Fasteners, alloy 2024-T4.

**-04 FINISHES**

Finishes on exposed surfaces shall be as indicated on the drawings and/or herein specified and in accordance with

the following procedures:

(Insert code designation for finish desired. Refer to Kaiser Aluminum publication, "Finishes for Architectural Aluminum," A.I.A. File No. 25-C-3.)

**-05 INSTALLATION**

All work shall be installed plumb, level, square and in proper alignment and relationship to work of other trades. Work shall be free from waves, buckles, sags or other defects. Anchors shall be as shown on the drawings to provide secure anchorage and allow for expansion of all parts of the work.

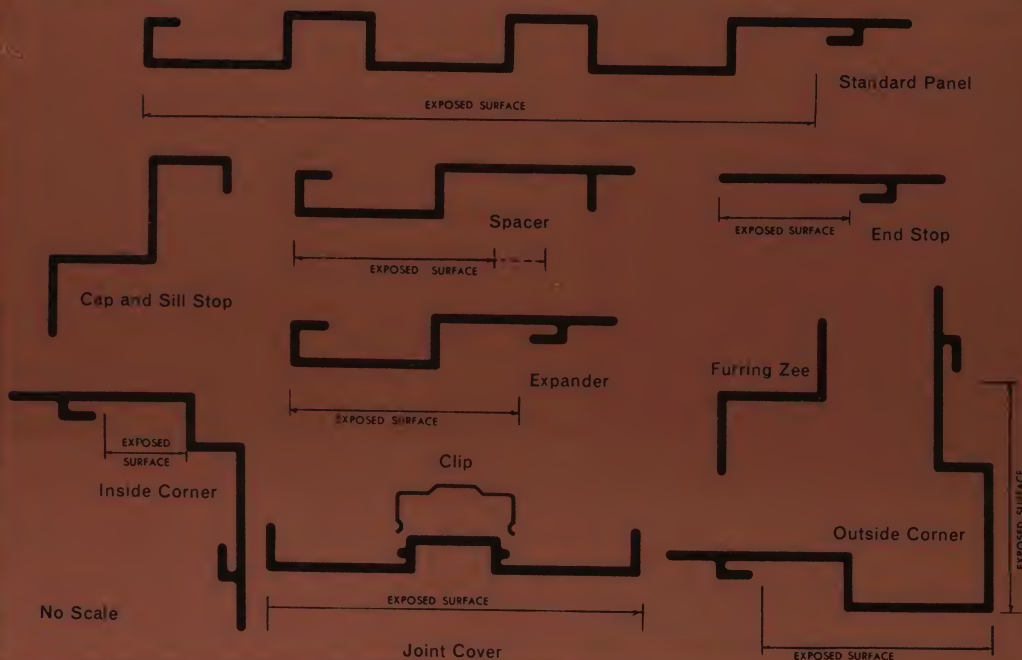
Installation shall be executed by highly skilled mechanics and in accordance with the highest standards for work of this type.

**SHORT FORM SPECIFICATION:**

Furnish and install Kaiser Aluminum extruded Facing System as shown in the drawings, complete with accessory items. Install in accordance with recommended procedures and standards of Kaiser Aluminum & Chemical Sales, Inc.

*Note to the architect: When specifying other aluminum architectural items, such as copings, gravel stops, thresholds and sills, handrails, architectural angles, beams, etc., in addition to facing-system components, refer to the Kaiser Aluminum publication, "Aluminum in Architecture," A.I.A. File No. 15-J, for the general specification covering all such components.*

COMPONENT	SECTION No.	EXPOSED SURFACE	WEIGHT PER FOOT LBS.
STANDARD PANEL	HK-278	6 $\frac{1}{2}$ "	1.294
CAP AND SILL STOP	HK-348		0.434
SPACER	HK-279	2" MIN. 2 $\frac{1}{2}$ " MAX.	0.562
END STOP	HK-347	1 $\frac{1}{2}$ "	0.312
EXPANDER	HK-345	2 $\frac{1}{2}$ "	0.559
JOINT COVER	HK-280	3 $\frac{1}{4}$ "	0.613
FURRING ZEE	HK-283		0.292
OUTSIDE CORNER	HK-282	2 $\frac{1}{2}$ "	0.954
INSIDE CORNER	HK-346	$\frac{1}{4}$ "	0.637





**ARCHITECTURAL AND  
STRUCTURAL SHAPES**

**ARCHITECTURAL SHAPES**

ALLOY: 6063-T5



Kaiser Aluminum standard architectural shapes have many applications in ornamental work. The inherent advantages of aluminum's beauty and its relative freedom from surface maintenance problems make it highly superior to other building materials in most applications. In addition, the light weight and workability of aluminum make possible the shop-fabrication of sub-assemblies, speeding up the job and providing closer control over workmanship.

**ANGLES—EQUAL LEGS**

STANDARD WAREHOUSE LENGTHS 16'-0"

SECTION NO.	DIMENSIONS		EST. WT./FT. LBS.	SECTION NO.	DIMENSIONS		EST. WT./FT. LBS.
	A	T			A	T	
HA-84	1/2"	1/16"	0.070	HA-88	1 1/4"	1/8"	0.355
HA-83	1/2"	1/8"	0.131	HA-121	1 1/4"	3/16"	0.522
HA-110	3/8"	1/8"	0.168	HA-89	1 1/2"	1/8"	0.431
HA-85	3/4"	1/16"	0.107	HA-90	1 1/2"	3/16"	0.632
HA-86	3/4"	1/8"	0.206	HA-126	1 3/4"	1/8"	0.506
HA-116	1"	1/16"	0.145	HA-91	2"	1/8"	0.581
HA-87	1"	1/8"	0.281	HA-92	2"	3/16"	0.860
HA-118	1"	3/16"	0.408	HA-127	2"	1/4"	1.126

**ANGLES—UNEQUAL LEGS**

STANDARD WAREHOUSE LENGTHS 16'-0"

SECTION NO.	DIMENSIONS			EST. WT./FT. LBS.	SECTION NO.	DIMENSIONS			EST. WT./FT. LBS.
	A	B	T			A	B	T	
HA-165	3/4"	3/8"	3/32"	0.116	HA-94	1 1/2"	3/4"	1/8"	0.319
HA-171	1"	1/2"	3/32"	0.158	HA-192	1 1/2"	1"	1/8"	0.356
HA-93	1"	1/2"	1/8"	0.206	HA-95	2"	1"	1/8"	0.431
HA-174	1"	3/4"	1/8"	0.244	HA-96	3 1/2"	1 1/4"	1/8"	0.694
HA-177	1 1/4"	1/2"	1/8"	0.244					

**CHANNELS—SHARP CORNERS**

STANDARD WAREHOUSE LENGTHS HC-27, 28, 29 and 30 20'-0". ALL OTHERS 16'-0"

SECTION NO.	DIMENSIONS			EST. WT./FT. LBS.	SECTION NO.	DIMENSIONS			EST. WT./FT. LBS.
	A	B	T			A	B	T	
HC-56	1/2"	3/8"	1/8"	0.150	HC-29	1 1/2"	1/2"	1/8"	0.336
HC-21	1/2"	1/2"	3/32"	0.148	HC-122	1 3/4"	1/2"	1/8"	0.374
HC-57	1/2"	3/4"	1/8"	0.263	HC-123	1 3/4"	3/4"	1/8"	0.450
HC-65	3/8"	5/8"	1/8"	0.244	HC-124	1 3/4"	1"	1/8"	0.524
HC-24	3/4"	3/8"	1/8"	0.186	HC-131	2"	1 1/2"	1/8"	0.413
HC-26	3/4"	3/4"	1/8"	0.299	HC-30	2"	1"	1/8"	0.563
HC-27	1"	1/2"	1/8"	0.262	HC-151	2 1/4"	1 1/8"	1/8"	0.563
HC-88	1"	1"	1/8"	0.413	HC-365	3"	1 1/2"	1/8"	0.563
HC-28	1 1/4"	1/2"	1/8"	0.299	HC-31	3"	1"	1/8"	0.713
HC-97	1 1/4"	1 1/4"	1/8"	0.526	HC-184	5"	2"	3/16"	1.945

**SPECIAL CHANNELS**

STANDARD WAREHOUSE LENGTHS 16'-0"

SECTION NO.	DIMENSIONS			EST. WT./FT. LBS.
	A	B	T	
HC-376	2"	2"	1/4"	1.668
HC-206	2 3/8"	1 1/4"	3/16"	1.033

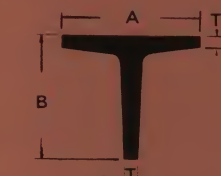
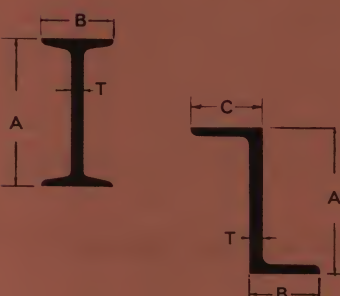
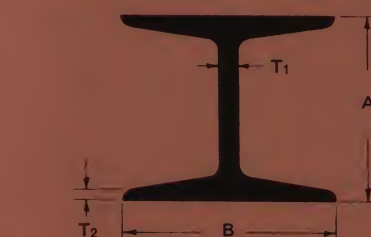
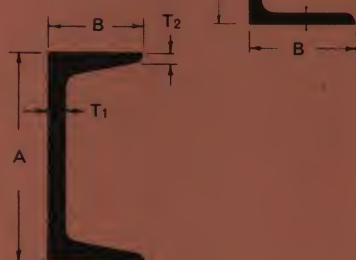
**TEES—SHARP ANGLE**

STANDARD WAREHOUSE LENGTHS 16'-0"

SECTION NO.	DIMENSIONS			EST. WT./FT. LBS.	SECTION NO.	DIMENSIONS			EST. WT./FT. LBS.
	A	B	T <sub>1</sub> & T <sub>2</sub>			A	B	T <sub>1</sub> & T <sub>2</sub>	
HT-55	3/4"	3/4"	1/8"	0.206	HT-68	1"	3/4"	1/8"	0.244
HT-57	3/4"	1 1/4"	1/8"	0.280	HT-69	1"	1"	1/8"	0.281
HT-61	1/8"	1 1/4"	3/32" & 1/8"	0.328	HT-76	1 1/4"	1/8"	1/8"	0.300
HT-65	1"	1/2"	1/8" & 3/8"	0.319	HT-223	2"	3/4"	1/8"	0.394



**STRUCTURAL SHAPES**  
ALLOY: 6061-T6



**ANGLES—EQUAL LEGS—STANDARD WAREHOUSE LENGTHS 25'-0"**

SECTION No.	DIMENSIONS		EST. WT./FT. LBS.	SECTION No.	DIMENSIONS		EST. WT./FT. LBS.	SECTION No.	DIMENSIONS		EST. WT./FT. LBS.
	A	T			A	T			A	T	
HA-31	3/4"	1/8"	0.20	HA-21	1 1/4"	1/4"	0.96	HA-40	3"	3/8"	2.47
HA-1	1"	1/8"	0.28	HA-15	2"	1/8"	0.58	HA-260	3"	1/2"	3.23
HA-43	1"	3/8"	0.40	HA-4	2"	3/8"	0.85	HA-261	3 1/2"	1/4"	1.99
HA-248	1"	1/4"	0.51	HA-11	2"	1/4"	1.11	HA-10	3 1/2"	3/8"	2.46
HA-98	1 1/4"	1/8"	0.34	HA-34	2"	3/8"	1.61	HA-262	3 1/2"	3/8"	2.93
HA-99	1 1/4"	3/8"	0.51	HA-24	2 1/2"	3/8"	1.07	HA-35	3 1/2"	1/2"	3.83
HA-51	1 1/2"	1/8"	0.42	HA-23	2 1/2"	1/4"	1.40	HA-16	4"	1/4"	2.28
HA-32	1 1/2"	3/8"	0.62	HA-54	2 1/2"	3/8"	1.73	HA-55	4"	3/8"	2.83
HA-22	1 1/2"	1/4"	0.81	HA-8	3"	3/8"	1.28	HA-46	4"	3/8"	3.37
HA-45	1 3/4"	1/8"	0.50	HA-2	3"	1/4"	1.68				
HA-5	1 3/4"	3/8"	0.73	HA-14	3"	3/8"	2.08				

**ANGLES—UNEQUAL LEGS—STANDARD WAREHOUSE LENGTHS 25'-0"**

SECTION No.	DIMENSIONS			EST. WT./FT. LBS.	SECTION No.	DIMENSIONS			EST. WT./FT. LBS.
	A	B	T			A	B	T	
HA-17	1 1/2"	1 1/4"	1/8"	0.39	HA-3	2 1/2"	2"	3/8"	0.96
HA-297	1 1/2"	1 1/4"	3/8"	0.57	HA-49	2 1/2"	2"	1/4"	1.26
HA-298	1 1/2"	1 1/4"	1/4"	0.73	HA-322	2 1/2"	2"	3/8"	1.55
HA-302	1 1/4"	1 1/4"	1/8"	0.42	HA-56	3"	2"	3/8"	1.07
HA-303	1 1/4"	1 1/4"	3/8"	0.62	HA-7	3"	2"	1/4"	1.40
HA-304	1 1/4"	1 1/4"	1/4"	0.81	HA-324	3"	2"	3/8"	2.05
HA-311	2"	1 1/2"	1/8"	0.50	HA-12	3"	2 1/2"	1/4"	1.54
HA-47	2"	1 1/2"	3/8"	0.73	HA-50	3 1/2"	2 1/2"	1/4"	1.68
HA-48	2"	1 1/2"	1/4"	0.96	HA-13	4"	3"	1/4"	1.99
					HA-18	4"	3"	3/8"	2.92

**STANDARD CHANNELS—STANDARD WAREHOUSE LENGTHS 25'-0"**

SECTION No.	DIMENSIONS				EST. WT./FT. LBS.	SECTION No.	DIMENSIONS				EST. WT./FT. LBS.
	A	B	T <sub>1</sub>	T <sub>2</sub>			A	B	T <sub>1</sub>	T <sub>2</sub>	
HC-17	3"	1.410"	0.170"	0.170"	1.42	HC-23	5"	2.032"	0.472"	0.190"	3.97
HC-3	3"	1.498"	0.258"	0.170"	1.73	HC-5	6"	1.945"	0.225"	0.200"	3.00
HC-228	3"	1.596"	0.356"	0.170"	2.07	HC-1	6"	2.034"	0.314"	0.200"	3.63
HC-2	4"	1.580"	0.180"	0.180"	1.85	HC-230	6"	2.157"	0.437"	0.200"	4.50
HC-12	4"	1.647"	0.247"	0.180"	2.16	HC-20	7"	2.110"	0.230"	0.210"	3.54
HC-10	4"	1.720"	0.320"	0.180"	2.50	HC-13	8"	2.290"	0.250"	0.220"	4.25
HC-7	5"	1.750"	0.190"	0.190"	2.31	HC-16	8"	2.527"	0.487"	0.220"	6.48
HC-18	5"	1.885"	0.325"	0.190"	3.11						

**'I'-BEAMS—STANDARD WAREHOUSE LENGTHS 25'-0"**

SECTION No.	DIMENSIONS			EST. WT./FT. LBS.	SECTION No.	DIMENSIONS			EST. WT./FT. LBS.
	A	B	T			A	B	T	
HI-9	3"	2.330"	0.170"	1.96	HI-10	5"	3.000"	0.210"	3.43
HI-55	3"	2.509"	0.349"	2.59	HI-59	5"	3.284"	0.494"	5.10
HI-1	4"	2.660"	0.190"	2.65	HI-60	6"	3.330"	0.230"	4.30
HI-56	4"	2.796"	0.326"	3.28	HI-61	6"	3.443"	0.343"	5.10

**'H'-BEAMS**

**STANDARD WAREHOUSE LENGTHS 25'-0"**

SECTION No.	DIMENSIONS				EST. WT./FT. LBS.
	A	B	T <sub>1</sub>	T <sub>2</sub>	
HI-3	4"	4.000"	0.312"	0.290"	4.76

**ZEES**

**STANDARD WAREHOUSE LENGTHS 25'-0"**

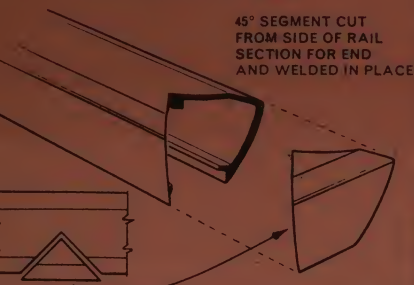
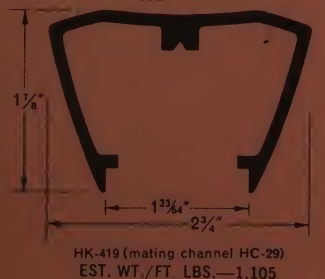
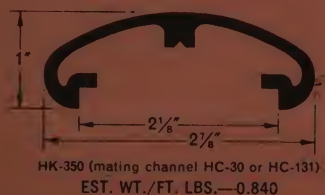
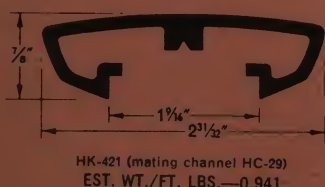
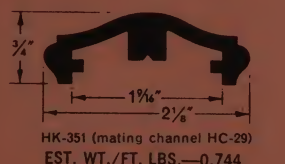
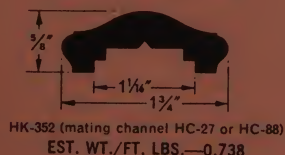
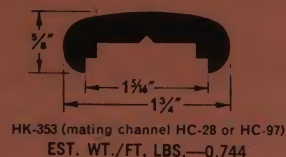
SECTION No.	DIMENSIONS				EST. WT./FT. LBS.
	A	B	C	T	
HZ-78	3"	2 1/16"	2 1/16"	1/4"	2.33
HZ-231	1"	3/4"	1"	1/8"	0.377

**TEES—STANDARD WAREHOUSE LENGTHS 25'-0"**

SECTION No.	DIMENSIONS			EST. WT./FT. LBS.
	A	B	T	
HT-4	1 1/2"	1 1/4"	1/4"	0.79
HT-138	2"	2"	1/4"	1.26



**STANDARD WAREHOUSE LENGTHS 20'-0"**



Kaiser Aluminum handrails are designed for exterior and interior stairways, balconies, porches and walks. They can be wall-mounted by means of a standard wall bracket. For open balustrades, standard rod, bar or tube sections can be used to create a supporting structure. Another type of handrail system, using aluminum pipe, is assembled with standard flush fittings. Tables of these pipe sizes appear on page 7. Shown here are cross-sections of the various types of Kaiser Aluminum ornamental handrails available. Standard channels available for use with ornamental handrails are covered on page 4.

**SPECIFICATIONS**

**-01 GENERAL CONDITIONS**

"The General Conditions of the Contract for the Construction of Buildings," (\*) standard form of the American Institute of Architects, current edition, is part of this specification.

\*(And "Supplementary General Conditions")

**-02 WORK INCLUDED**

Furnish all labor, materials, and equipment to complete all handrail work shown on the drawings and/or herein specified as follows:

A. Kaiser Aluminum (*pipe railing*) (*ornamental handrail extrusions and standard rod and bar*)

Type \_\_\_\_\_ Section No. \_\_\_\_\_  
(Types and section numbers of pipe railing and handrail extrusions being used may be obtained from selection tables.)

**-03 MATERIALS**

All aluminum alloys specified herein shall be as produced by Kaiser Aluminum & Chemical Corporation.

A. Pipe railing—Alloy 6063-T6

B. Ornamental handrail extrusions—Alloy 6063-T5

**-04 FINISHES**

Interior installation—All aluminum components of handrail assembly shall be given Kaiser Aluminum M1 (\*) finish during fabrication.

Prior to occupancy of building, all aluminum components of handrail assembly shall be cleaned with No. 0 stainless steel wool saturated with wax. Surfaces shall be rubbed to luster with soft cloth.

Exterior installations—All aluminum components of handrail assembly shall be given Kaiser Aluminum M1 A1 (\*) finish during fabrication.

(\*Other finishes may be selected from Kaiser Aluminum publication, "Finishes for Architectural Aluminum," A.I.A. File No. 25-C-3.)

**-05 INSTALLATION**

All work shall be installed level, square and in proper alignment and relationship to work of other trades. Fasteners and anchors shall be as shown on drawings to provide secure anchorage of all parts of the work. Erection shall be executed by highly skilled mechanics and in accordance with the highest standards for work of this type.

**SHORT FORM SPECIFICATION:**

Furnish and install Kaiser Aluminum (*pipe railing*) (*ornamental handrail extrusions and standard rod and bar*) as shown on the drawings, complete with accessory items. Install in accordance with recommended procedures and standards of Kaiser Aluminum & Chemical Sales, Inc.

*Note to the architect: When specifying aluminum architectural items such as copings, gravel stops, thresholds, sills, facing system, architectural angles, beams, etc., in addition to handrails, refer to the Kaiser Aluminum publication, "Aluminum in Architecture," A.I.A. File No. 15-J, for the general specification covering all such components.*



Many striking, decorative effects can be achieved using standard Kaiser Aluminum rod, bar, piping and tubing. Whether for indoor or outdoor use, these standard extrusions can be designed into an infinite variety of assemblies for ornamental grille-work, railings, door and window frames, store fronts, or built-in furniture components.

The metal is easily drilled, punched, turned or milled and can be bent or shaped to almost any desired contour.

**ROUND ROD—ALLOY 6063-T5—STANDARD WAREHOUSE LENGTHS = 16' 0"**

SECTION NO.	DIMENSION A	EST. WT./FT.
HK-240	1/2"	0.235
HK-175	3/4"	0.530
HK-317	1"	0.942

**SQUARE ROD—ALLOY 6063-T5—STANDARD WAREHOUSE LENGTHS = 16' 0"**

SECTION NO.	DIMENSION A	EST. WT./FT.
HK-120	3/8"	0.169
HK-122	1/2"	0.300
HK-123	5/8"	0.468
HK-124	3/4"	0.676

SECTION NO.	DIMENSION A	EST. WT./FT.
HK-8	1"	1.200
HK-127	1 1/4"	1.874
HK-21	1 1/2"	2.700

**RECTANGULAR ROD—ALLOY 6063-T5—STANDARD WAREHOUSE LENGTHS = 16' 0"**

SECTION NO.	DIM.		EST. WT./FT.
	A	B	
HK-27	1/8"	1/2"	0.074
HK-40	1/8"	3/8"	0.094
HK-53	1/8"	3/4"	0.112
HK-139	1/8"	1"	0.150
HK-140	1/8"	1 1/4"	0.186
HK-141	1/8"	1 1/2"	0.226
HK-248	1/8"	1 3/4"	0.263
HK-142	1/8"	2"	0.299
HK-34	3/16"	1/2"	0.113
HK-25	3/16"	3/4"	0.169
HK-33	3/16"	1"	0.226
HK-57	3/16"	1 1/4"	0.282
HK-50	3/16"	1 1/2"	0.338
HK-58	3/16"	2"	0.451
HK-249	3/16"	2 1/2"	0.560

SECTION NO.	DIM.		EST. WT./FT.
	A	B	
HK-59	1/4"	1/2"	0.150
HK-60	1/4"	3/8"	0.187
HK-61	1/4"	3/4"	0.224
HK-54	1/4"	1"	0.300
HK-55	1/4"	1 1/4"	0.374
HK-49	1/4"	1 1/2"	0.450
HK-250	1/4"	1 3/4"	0.525
HK-36	1/4"	2"	0.600
HK-62	1/4"	2 1/2"	0.750
HK-63	1/4"	3"	0.900
HK-64	3/8"	1/2"	0.224
HK-65	3/8"	3/8"	0.281
HK-147	3/8"	3/4"	0.337
HK-67	3/8"	1"	0.450
HK-143	3/8"	1 1/4"	0.563
HK-68	3/8"	1 1/2"	0.676
HK-69	3/8"	2"	0.900
HK-71	3/8"	3"	1.350

SECTION NO.	DIM.		EST. WT./FT.
	A	B	
HK-86	1/2"	3/4"	0.449
HK-88	1/2"	1"	0.599
HK-89	1/2"	1 1/4"	0.749
HK-90	1/2"	1 1/2"	0.899
HK-92	1/2"	2"	1.199
HK-145	1/2"	2 1/2"	1.500
HK-93	1/2"	3"	1.799
HK-79	3/4"	1 1/2"	1.350
HK-84	3/4"	2"	1.800
HK-102	1"	1 1/2"	1.799
HK-104	1"	2"	2.400

**PIPE—SCHEDULE 40—ALLOY 6063-T6—STANDARD WAREHOUSE LENGTHS = 20' 0"**

NOM. SIZE	SECT. NO.	DIMENSIONS			EST. WT./FT.
		A	B	T	
3/8"	HP-178	0.675"	0.493"	0.091"	0.196
1/2"	HP-2	0.840"	0.622"	0.109"	0.294
3/4"	HP-3	1.050"	0.824"	0.113"	0.391
1"	HP-4	1.315"	1.049"	0.133"	0.581
1 1/4"	HP-21	1.660"	1.380"	0.140"	0.786
1 1/2"	HP-5	1.900"	1.610"	0.145"	0.940

NOM. SIZE	SECT. NO.	DIMENSIONS			EST. WT./FT.
		A	B	T	
2"	HP-34	2.375"	2.067"	0.154"	1.264
2 1/2"	HP-72	2.875"	2.469"	0.203"	2.004
3"	HP-53	3.500"	3.068"	0.216"	2.621
3 1/2"	HP-46	4.000"	3.548"	0.226"	3.151
4"	HP-55	4.500"	4.026"	0.237"	3.733

**SQUARE TUBE—ALLOY 6063-T5—0.125" WALL—STANDARD WAREHOUSE LENGTHS = 21' 1"**

SECTION NO.	DIMENSIONS A	EST. WT./FT.
HP-59	3/4"	0.376
HP-61	1"	0.526
HP-65	1 1/4"	0.674

SECTION NO.	DIMENSIONS A	EST. WT./FT.
HP-67	1 1/2"	0.825
HP-69	1 3/4"	0.974
HP-71	2"	1.126

**RECTANGULAR TUBE—ALLOY 6063-T5—0.125" WALL—STAND. WAREHOUSE LGTHS. = 21' 1"**

SECTION NO.	DIMENSIONS		EST. WT./FT.
	A	B	
HP-58	1/2"	1"	0.376
HP-60	3/4"	1 1/2"	0.600
HP-62	1"	1 1/2"	0.676
HP-63	1"	2"	0.824
HP-66	1 1/4"	2 1/2"	1.050
HP-68	1 1/2"	2"	0.976
HP-70	1 3/4"	3"	1.350

SECTION NO.	DIMENSIONS		EST. WT./FT.
	A	B	
HP-64	1 1/4"	3 1/2"	1.500
HP-49	1 3/4"	4"	1.650
HP-207	1 3/4"	4 1/2"	1.800
HP-208	1 3/4"	5"	1.950
HP-187	2"	3"	1.426
HP-216	2"	5"	2.025

**FINNED TUBE—ALLOY 6063-T5—WAREHOUSE LENGTHS = 21' 1"**

SECTION NO.	DIMENSIONS					EST. WT./FT.
	A	B	C	D	T	
HP-233	1 3/4"	4"	1 1/16"	1/2"	1/8"	1.800
HP-232	1 3/4"	4"	1 1/16"	1/2"	1/16"	1.756



#### OTHER KAISER ALUMINUM LITERATURE

Additional literature, which may be valuable as complementary reference material, includes the following:

- Care, Cleaning and Maintenance of Architectural Aluminum
- Finishes for Architectural Aluminum

Other Kaiser Aluminum literature can be found elsewhere in Sweet's as indicated in the chart at right. All of the items listed can be obtained from your Kaiser Aluminum representative—or write to Kaiser Aluminum & Chemical Sales, Inc., Architects' Service Department, 1924 Broadway, Oakland 12, California.

#### ARCHITECTS' SERVICE

Kaiser Aluminum architectural representatives work closely with architects and fabricators throughout the country to help them receive the maximum benefits of designing in aluminum. This service is available to any architect interested in finding out more about this versatile metal. For details contact your nearest Kaiser Aluminum sales office.

Title	Where to find it in Sweet's	
	Architectural File	Industrial Construction File
Aluminum in Architecture Alloys and their properties, finishes, standard and custom designed architectural products for monumental, commercial and industrial applications.	<u>6a</u> Ka	
Thresholds and Window Sills Extruded shapes to meet a wide variety of interior and exterior doorway and floor conditions.	<u>19b</u> Ka	
Copings and Gravel Stops Extruded shapes for flat-roof coping protection and for curbing gravel on built-up roofs.	<u>8b</u> Kai	<u>8g</u> Kai
Industrial Roofing and Siding Aluminum ribbed, v-beam and corrugated roofing and siding in variety of sizes and thicknesses; also its use in insulated sandwich-wall construction.	<u>8b</u> Ka	<u>8b</u> Ka





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